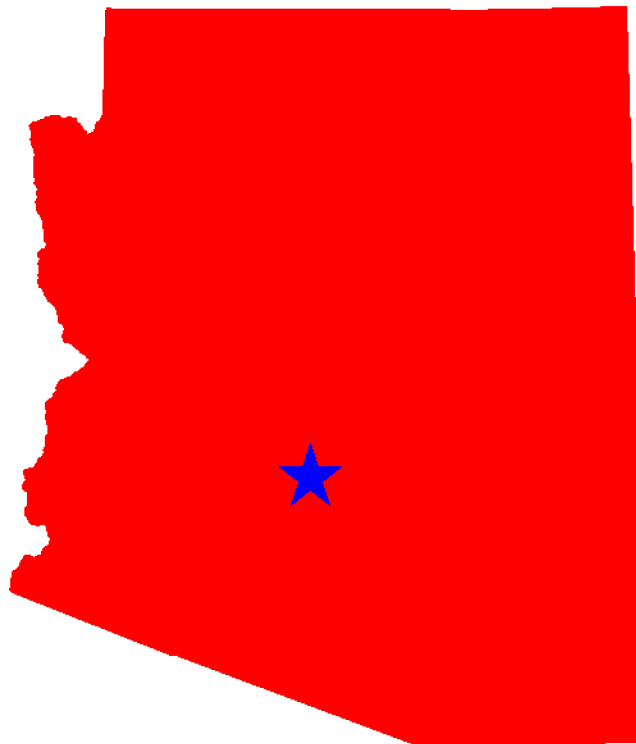




Traffic Safety Facts Arizona 2003-2007



This Report Contains Data From the Following Sources:
Fatality Data - NCSA Fatality Analysis Reporting System (FARS)
FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Arizona State Survey
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
Population Data - U.S. Bureau of the Census



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Fatality Rates: Arizona , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Arizona	1,118	53,896	2.07	5,579,307	20.04
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Arizona	1,151	57,336	2.01	5,744,367	20.04
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Arizona	1,179	59,799	1.97	5,952,083	19.81
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Arizona	1,293	62,468	2.07	6,165,689	20.97
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Arizona	1,066			6,338,755	16.82
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: [Lowest VMT and Population Rates Could Be in Different States](#)

[2007 State Vehicle Miles Traveled \(VMT\) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change](#)

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Alcohol-Related Fatalities: Arizona , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	Arizona	1,118	471	42	411	37	0.76
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Arizona	1,151	446	39	385	33	0.67
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Arizona	1,179	508	43	446	38	0.75
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Arizona	1,293	578	45	480	37	0.77
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Arizona	1,066	457	43	400	38	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

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Alcohol-Impaired Driving Fatalities: Arizona , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	Arizona	1,118	342	31	0.63
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Arizona	1,151	334	29	0.58
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Arizona	1,179	375	32	0.63
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Arizona	1,293	399	31	0.64
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Arizona	1,066	336	32	
	US	41,059	12,998	32	0.43
	Best State*			17	

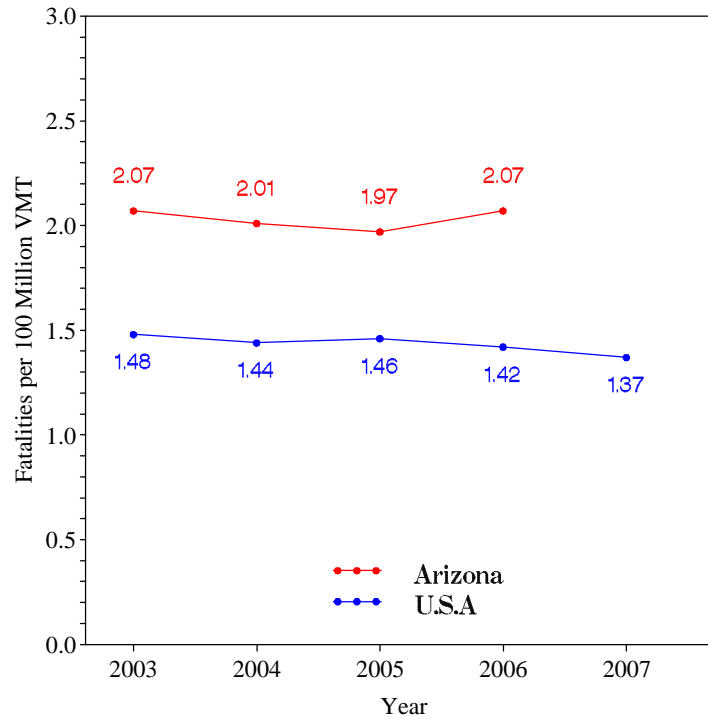
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers and Motorcycle Riders Only

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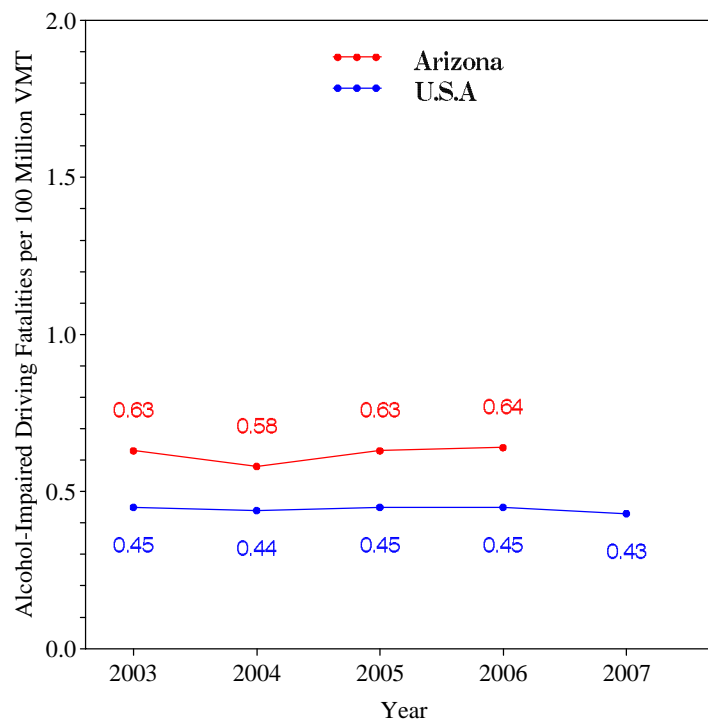


Fatalities per 100 Million VMT: Arizona and U.S



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Alcohol-Impaired Driving Fatalities per 100 Million VMT: Arizona and U.S



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Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Arizona , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Arizona	307	26	8	485	243	50	792	269	34
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Arizona	336	34	10	468	222	47	804	256	32
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Arizona	331	27	8	505	255	50	836	282	34
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Arizona	362	130	36	549	390	71	911	520	57
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Arizona	303	121	40	445	332	75	748	453	61
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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Passenger Vehicle Occupant Fatalities by Restraint Use: Arizona , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	Arizona	800	325	41	86
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Arizona	799	315	39	95
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Arizona	739	284	38	94
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Arizona	868	322	37	
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Arizona	687	264	38	81
	US	28,933	13,306	46	82
	Best State*			64	98

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

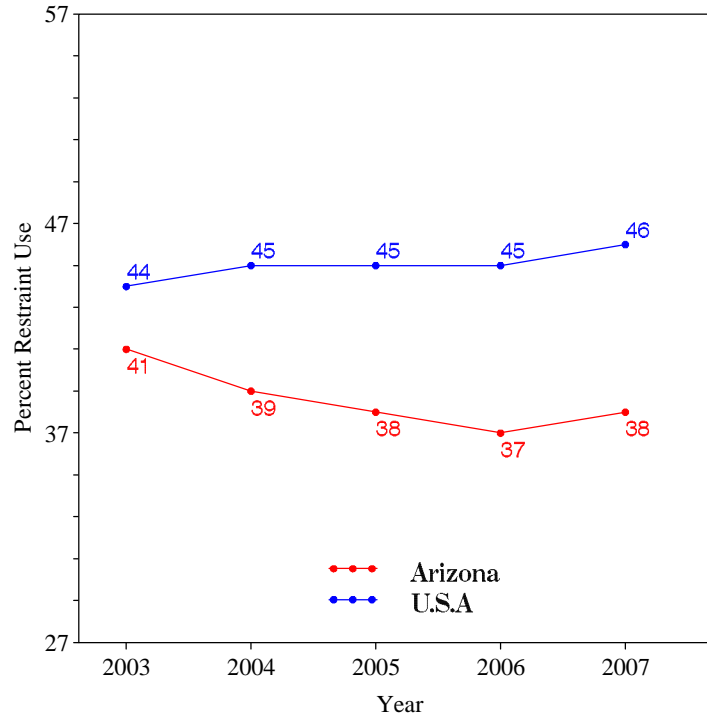
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. Arizona Data: State Survey

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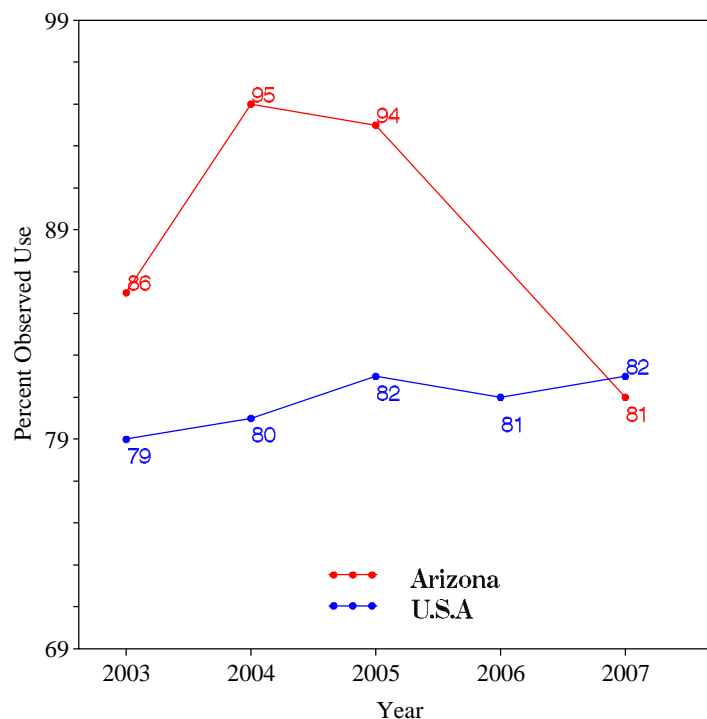


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Arizona and U.S



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Passenger Vehicle Occupants by Percent Restraint Use Observed: Arizona and U.S



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Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	784	316	468	368	115
2004	775	308	467	376	47
2005	731	280	451	346	54
2006	845	309	536	366	175
2007	669	250	419	298	135

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	14	9	5	2	4
2004	10	5	5	6	3
2005	6	4	2	5	1
2006	16	11	5	13	4
2007	15	12	3	20	

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	109	34	75	20	28
2004	119	38	81	22	31
2005	138	61	77	36	29
2006	142	47	95	29	35
2007	135	58	77	35	29

*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

**Lives Saved Estimates

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Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
Occupants	Passenger Car	388	12	396	12	353	10	425	11	348	11
	Light Truck - Pickup	183	6	176	5	175	5	212	6	165	5
	Light Truck - Utility	163	5	153	5	139	4	171	5	139	5
	Light Truck - Van	62	2	71	2	71	2	57	2	35	1
	Light Truck - Other	4	0	3	0	1	0	3	0	0	0
	Large Truck	12	0	17	1	15	0	21	1	20	1
	Bus	0	0	2	0	0	0	0	0	0	0
	Other/Unknown Occupants	56	2	53	2	88	3	62	2	42	1
	Total Occupants	868	27	871	26	842	25	951	25	749	24
Motorcyclists	Motorcycle	109	3	119	4	138	4	142	4	135	4
Non-Occupants	Pedestrian	121	4	130	4	158	5	167	4	154	5
	Bicyclist and Other Cyclist	16	0	27	1	35	1	29	1	21	1
	Other/Unknown Non-Occupants	4	0	4	0	6	0	4	0	7	0
	Total Non-Occupants	141	4	161	5	199	6	200	5	182	6
Total	Total	1,118	34	1,151	35	1,179	35	1,293	35	1,066	35

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Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	1,118	1,151	1,179	1,293	1,066
- Single Vehicle (1)	604	662	661	701	614
- Involving a Large Truck (2)	119	106	118	136	97
- Involving Speeding (3)	432	408	519	584	447
- Involving a Rollover (4)	462	462	417	495	409
- Involving a Roadway Departure (5)	600	607	606	592	565
- Involving an Intersection (or Intersection related) (6)	256	236	268	318	265

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

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Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	8	20	18	29	22	10	107
2004	14	23	20	31	25	5	118
2005	12	32	25	27	23	11	130
2006	13	34	23	26	33	11	140
2007	12	22	29	34	22	15	134

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Motorcyclist Fatalities Per 100,000 Registered Motorcycles*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	107	209,215	51.14
2004	118	209,048	56.45
2005	130	98,703	131.7
2006	140	114,435	122.3
2007	134		

*Data Source: FHWA

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Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Maricopa County	461	11.88
2	Pima County	129	13.34
3	Pinal County	86	28.74
4	Yavapai County	59	27.75
5	Coconino County	57	44.72
6	Mohave County	52	26.67
7	Navajo County	52	46.73
8	Apache County	48	68.59
9	Yuma County	31	16.27
10	La Paz County	29	143.8

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	La Paz County	29	143.8
2	Apache County	48	68.59
3	Navajo County	52	46.73
4	Gila County	24	46.16
5	Coconino County	57	44.72
6	Pinal County	86	28.74
7	Yavapai County	59	27.75
8	Mohave County	52	26.67
9	Graham County	8	23.01
10	Santa Cruz County	8	18.67

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Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Maricopa County	136	3.50
2	Pima County	44	4.55
3	Pinal County	28	9.39
4	Navajo County	27	24.26
5	Yavapai County	20	9.17
6	Apache County	19	27.44
7	Coconino County	19	14.59
8	Mohave County	17	8.72
9	Cochise County	7	5.79
10	Yuma County	6	3.10

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Apache County	19	27.44
2	La Paz County	5	24.79
3	Navajo County	27	24.26
4	Coconino County	19	14.59
5	Greenlee County	1	12.90
6	Pinal County	28	9.39
7	Yavapai County	20	9.17
8	Mohave County	17	8.72
9	Gila County	4	7.31
10	Cochise County	7	5.79

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